

12-7-01

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EV 019 651 873 US

Page 1 of 3

UTILITY PATENT APPLICATION TRANSMITTAL

(Small Entity)

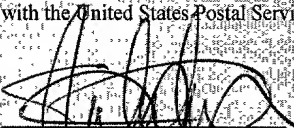
(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.

00007/02UTL

jc997 U.S. PTO

10/007621

| | | |
|---|--------------------------------------|--------------------------------------|
| EV 019 651 873 US Express Mail Number | CERTIFICATION UNDER 37 C.F.R. § 1.10 | 6 November 2001 Date of Deposit |
| I hereby certify that this Application and the documents referred to as enclosed therein are being deposited with the United States Postal Service in an envelope as "Express Mail Post Office to Addressee," addressed to: | | |
| Commissioner for Patents | | |
| BOX PATENT APPLICATION | | |
| Washington, D.C. 20231-9999 | | |
|  Robert W. Strozier | | 6 November 2001 Date of Signature |

TO THE COMMISSIONER FOR PATENTS

Box Patent Application


Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. § 111(a) and 37 C.F.R. § 1.53(b) is a new utility patent application for an invention entitled:

ENZYMATIC NUCLEIC ACID SYNTHESIS: COMPOSITIONS AND METHODS FOR ALTERING MONOMER INCORPORATION FIDELITY

and invented by:

Susan H. Hardin, James M. Briggs, Shiao-Chun Tu, Xiaolian Gao and Richard Willson

| | |
|-----------------------|--|
| Customer Number 23873 |  23873 PATENT TRADEMARK OFFICE |
|-----------------------|--|

If this application is a CONTINUATION APPLICATION, check the appropriate box and supply the requisite information:

☐ Continuation
 ☐ Divisional
 ☐ Continuation-in-part of prior application no.: _____
 Filing Date: _____

If this application CLAIMS PROVISIONAL PRIORITY, check the box and supply the requisite information:

☒ Provisional Patent Application Serial No.: 60/ 250764 Filing Date: 12/1/00

The PTO ~~does not~~ receive the following
 listed item(s)

Enclosed are:

Application Elements

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 60 pages, including the following:
 - a. ☒ Descriptive Title of the Invention
 - b. ☐ Cross References to Related Applications (*if applicable*)
 - c. ☐ Statement Regarding Federally-sponsored Research/Development (*if applicable*)
 - d. ☐ Reference to Microfiche Appendix (*if applicable*)
 - e. ☒ Background of the Invention
 - f. ☒ Summary of the Invention
 - g. ☒ Brief Description of the Drawings
 - h. ☒ Detailed Description of the Invention
 - i. ☒ Claim(s) as Classified Below
 - j. ☒ Abstract of the Disclosure
3. ☒ Drawing(s) (when necessary as prescribed by 35 USC 113)
 - a. ☒ Formal b. ☐ Informal Number of Sheets 14
4. ☐ Oath or Declaration
 - a. ☐ Newly executed (original or copy) ☐ Unexecuted
 - b. ☐ Copy from a prior application (37 CFR 1.63(d)) (*for continuation/divisional application only*)
 - c. ☐ With Power of Attorney ☐ Without Power of Attorney
 - d. ☐ DELETION OF INVENTORS
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (usable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference.
6. ☐ Computer Program on Microfiche
7. ☐ Genetic Sequence Submission (*if applicable, all must be included*)
 - a. ☐ Paper Copy
 - b. ☐ Computer Readable Copy
 - c. ☐ Statement Verifying Identical Paper and Computer Readable Copy

Accompanying Application Parts

8. ☐ Assignment Papers (*cover sheet & documents*)

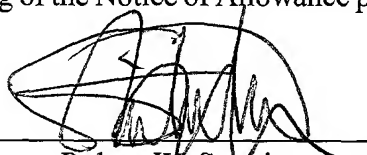
9. ☐ 37 CFR 3.73(b) Statement (*when there is an assignee*)
10. ☐ English Translation Document (*if applicable*)
11. ☐ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Acknowledgment postcard
14. ☐ Certified Copy of Priority Document(s) (*if foreign priority is claimed*)
15. ☒ Applicant claims the benefit of Small Entity Status
16. ☐ Additional Enclosures (*please identify below*):

FEE CALCULATION AND TRANSMITTAL

| CLAIMS AS FILED | | | | | |
|---|---------|-----------|---------|---------|-----------------|
| | # Filed | # Allowed | # Extra | Rate | Fee |
| Total Claims | 20 | 20 | 0 | \$9.00 | \$0.00 |
| Indep. Claims | 8 | 3 | 5 | \$42.00 | \$210.00 |
| Multiple Dependent Claims Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | | | | | \$0.00 |
| BASIC FILING FEE | | | | | \$370.00 |
| TOTAL FILING FEE | | | | | \$580.00 |

- ☐ A check in the amount of _____ to cover the filing fees is enclosed.
- ☐ The Commissioner for Patents is hereby authorized to charge and credit Deposit Account No. **501518** as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of _____ as filing fees.
- ☐ Credit any overpayment.
- ☐ Charge any additional filing fees required under 37 C.F.R. §§ 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. § 1.18 at the mailing of the Notice of Allowance pursuant to 37 C.F.R. § 1.311(b).

Date: 3 December 2001


 Robert W. Strozier

ROBERT W. STROZIER, P.L.L.C.

A FIRM SPECIALIZING IN INTELLECTUAL PROPERTY LAW INCLUDING
PATENT, TRADEMARK, COPYRIGHT, TRADE SECRET LAW,
UNFAIR COMPETITION AND RELATED MATTERS

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HOUSTON, TX 77042
TELEPHONE: 713/977-7000
TELECOPIER: 713/977-7011

December 3, 2001

| | | |
|---|--------------------------------------|--------------------------------------|
| EV 019 651 873 US | CERTIFICATION UNDER 37 C.F.R. § 1.10 | 3 December 2001 Date of Deposit |
| I hereby certify that this Application and the documents referred to as enclosed thereon are being deposited with the United States Postal Service in an envelope as "Express Mail Post Office to Addressee," addressed to: | | |
| Commissioner for Trademarks BOX Patent Application 2900 Crystal Dr. Arlington, VA 22202-3514 | | |
| Robert W. Strozier | | 3 December 2001 Date of Signature |

Honorable Commissioner for Patents
BOX Patent Application
Washington, D.C. 20231-9999

Attorney Docket No:
00007/02UTL

RE: US Prov.Ser.No.: 09/; Filed: 12/03/01
Title: Enzymatic Nucleic Acid Synthesis: Compositions and Methods For
Altering Fidelity, Monomer Incorporation and Pyrophosphate Release
Our Ref. No.: 00007/02UTL

Dear Sir/Madam:

This letter is a request to file a **Original Patent Application** including: (1) a **79 page disclosure**; (2) **14 sheets of drawings**; (3) **Transmittal Small Entity**; and (4) a **Return Receipt Postcard**.

Please return the enclosed postcard to acknowledge receipt and filing of this application.
Please address all correspondence in connection with this application to:

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HOUSTON, TEXAS 77042
713.977.7000; 713.977.7011 (FACSIMILE)
RWSTROZ@FLASH.NET



23873

PATENT TRADEMARK OFFICE

Very truly yours,

Robert W. Strozier

RWS/sls

Enclosures:

U.S. Original Patent Application
Transmittal - Small Entity
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